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8 said sling body, initial layer of said coating seals said plurality of core fibers from
9 exposure to contaminants, additional layers of said coating are applied in areas of
10 said sling body subject to high crush and shear forces increasing said coating
11 thickness and shear strength, preventing said plurality of core fibers and said
12 coating damage during use of said lifting sling, and achieving operational
13 properties that extend suitability for use of said coating and said plurality of core
14 fibers, a final splatter layer of said coating is applied along said sling body
15 creating a rugged textured non-slip grip exterior surface, said coating thicknesses
16 and locations along length of said sling body are selected based in part on
17 operating conditions of said lifting sling;

18
19 said lifting sling further comprising at least one of the following:

- 20
21 i) an indicator secured by said coating proximate to said plurality of
22 core fibers; or
23 ii) an electronic system secured by said coating proximate to said
24 plurality of core fibers;

25
26 wherein said indicator or said electronic system indicates operational condition of
27 said lifting sling, suitability for use of said lifting sling, or security status of an
28 article secured by said lifting sling.

29
1 30. (Canceled)

2

1 31. (Previously Presented) The lifting sling in accordance with claim 29, wherein said
2 lifting sling further comprising a safety core, said safety core is bonded by said coating
3 proximate to said plurality of core fibers causing said safety core, said coating, and said

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4 plurality of core fibers to be subjected to the same operational forces during use of said
5 lifting sling.

6

1 32. (Canceled)

2

1 33. (Previously Presented) The lifting sling in accordance with claim 1, further
2 comprising a cover, said cover being fitted around said plurality of core fibers, said cover
3 is coated with said coating.

4

1 34. (Previously Presented) The lifting sling in accordance with claim 1, wherein single-
2 core said sling body is formed by full seaming said plurality of core fibers with said
3 coating and multi-core said sling body is formed by partial seaming said plurality of core
4 fibers with said coating.

5

1 35. (Previously Presented) The lifting sling in accordance with claim 25, wherein single-
2 core said sling body is formed by full seaming said plurality of core fibers with said
3 coating and multi-core said sling body is formed by partial seaming said plurality of core
4 fibers with said coating.

5

1 36. (Previously Presented) The lifting sling in accordance with claim 29, wherein single-
2 core said sling body is formed by full seaming said plurality of core fibers with said
3 coating and multi-core said sling body is formed by partial seaming said plurality of core
4 fibers with said coating.

5

1 37. (Previously Presented) The lifting sling in accordance with claim 1, further
2 comprising a cover, said cover being fitted around said plurality of core fibers, said cover
3 is coated and secured into position with said coating.

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- 1 38. (Previously Presented) The lifting sling in accordance with claim 29, further
- 2 comprising a cover, said cover being fitted around said plurality of core fibers, said cover
- 3 is coated with said coating.
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